

07/03/2007

Dart Aerospace Ltd.

Date: Monday, 3/26/2007 3:00:11 PM
User: Kim Johnston

Process Sheet

SP/IT 1

Customer	CU-DAR001 Dart Helicopters Services			Drawing Name	5-MAN SHOULDER HARNESS KIT		
Job Number	31453			Part Number	D412702033		
Estimate Number	10409			Drawing Number	DSI 9312 REV B		
P.O. Number	N/A			Project Number	N/A		
This Issue	3/26/2007	S.O. No.	N/A	Drawing Revision	C		
Prshrt Rev.	NC	Type	MACHINED PARTS	Material	N/A		
First Issue	N/A			Due Date	4/6/2007	Qty:	1
Previous Run	27935			Um:	Each		
Written By	<u>KJ 07/03/27</u>						
Checked & Approved By							
Comment	Est Rev:A 05.11.03 New issue KJ/EC Est Rev:B 06-04-03 Remove Comments,Rev B JLM est rev C 06.12.14 per ecn 871 EC						

Additional Product

Job Number:				
Seq. #:	Machine Or Operation:	Description :		
1.0	DC	DOCUMENT CONTROL 		
Comment: DOCUMENT CONTROL Photocopy bluefile and create labels per PPP D412-702-033CHG001 KS 07/03/09 (11)				
2.0	PACKAGING 1	PACKAGING RESOURCE #1 		
Comment: PACKAGING RESOURCE #1 Pick Packing Kit 				
3.0	D31961	Bar 		
Comment: Qty.: 1.0000 Each(s)/Unit Total : 11.0000 Each(s) Bar Batch: 631273 SX ✓ ✓				
4.0	D3446041	Harness Assembly 		
Comment: Qty.: 5.0000 Each(s)/Unit Total : 55.0000 Each(s) Harness Assembly Batch: 630130 (26) 26 X ✓				
5.0	D32681	Placard 		
Comment: Qty.: 2.0000 Each(s)/Unit Total : 22.0000 Each(s) Placard Batch: 631274 10 X ✓ PTO				

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
1/3/25	Step 2.0	COUPR A5 hit manuuk D3268-1 D3296-1 BALANCE 6 X	LO	1/3/26			

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: Date: 01/03/29
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Date: Monday, 3/26/2007 3:00:11 PM
User: Kim Johnston

Process Sheet

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: 5-MAN SHOULDER HARNESS KIT

Job Number: 31453

Part Number: D412702033

Job Number:



Seq. #: Machine Or Operation:

Description :

6.0 MS24694S152

Screw



Comment: Qty.: 2.0000 Each(s)/Unit Total : 22.0000 Each(s)

Screw

Batch: M101124 ✓

7.0 MS24694S154

SCREW



Comment: Qty.: 2.0000 Each(s)/Unit Total : 22.0000 Each(s)

Item: SCREW

Batch: M103926 ✓

E/07/03/28(5)

8.0 QC4

INSPECT 100% KITS FOR COMPLETENESS



Comment: INSPECT 100% KITS FOR COMPLETENESS

9.0 PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and pack for shipping as per PPP D412-702-033

Location: New

E/07/03/28(5)

10.0 QC21

FINAL INSPECTION/W/O RELEASE



(5)

Comment: FINAL INSPECTION/W/O RELEASE

E/07/03/29

Job Completion



4/03/29

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____
 QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



DESIGN CP	DRAWN BY CP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED <i>#</i>	APPROVED <i>#</i>	DRAWING NO. DSI 9312	REV. B SHEET 1 OF 1
DATE 06.03.24		TITLE UH-1 HARNESS INSTALLATIONS	SCALE NTS
A	05.09.29	NEW ISSUE	
B	06.03.24	REFORMAT, ADD -S154 SCREWS	

DART SERVICE INSTRUCTION

REFERENCE: INSTALLATION INSTRUCTIONS IIN-D412-702 REV. B or C

The following kit is available to provide 4-point shoulder harnesses for passengers on UH-1 aircraft:

The Dart D412-702-033 5-Man Shoulder Harness Kit provides 4-point harnesses for the 5 fwd-facing seating positions in the UH-1 aircraft cabin. The harnesses for this kit are approved under TSO-C114. This kit should be installed as per the D412-702-023 kit in installation instructions IIN-D412-702 except that the existing tubes (p/n 205-070-709-1) for the fwd-facing seats should be used to secure the shoulder harnesses instead of the D3197-041 bars (and associated fittings, ref.).

When installing the D3196-1 Bar, it is acceptable to substitute the MS24694-S152 screws for the longer MS24694-S154 screws (or longer MS24694-Sxxx screws as required) to ensure the bar is properly secured.

For each of the two outermost passenger positions, it is acceptable to install all 4 shoulder straps onto the existing seat tubes (p/n 205-070-709-1), instead of installing one on the D3196-1 Bar as per IIN-D412-702. Thus, for cases where the centermost seating position has been removed (or not used), installation of the D3196-1 Bar is not required.

The parts list for the kits are as follows:

QTY -033	Part Number	Description
X	D412-702-033	Dart 5-Man Shoulder Harness Kit, 4-point, for UH-1 aircraft
1	D3196-1	Bar
5	D3446-041	Harness Assembly, 4 point
2	D3268-1	Placard
2	MS24694-S152	Screw
2	MS24694-S154	Screw (use either -S152, -S154, or longer screws as req'd)

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 31453

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Date: Thursday, 15/11/2007 6:55:16 AM
 User: Linda Lacelle

Process Sheet

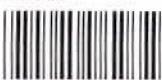
Customer : CC-DAR01	Dart Aerospace Ltd.	Drawing Name : D412-702-UPDATE PAPERWORK
Job Number : 35746		
Estimate Number : 10804		
P.O. Number : N/A		Part Number : Z_CUSTOM
This Issue : 15/11/2007	S.O. No. : N/A	Drawing Number : ECN 1065
Prsht Rev. : NC		Project Number : N/A
First Issue : N/A	Type : SMALL /MED FAB	Drawing Revision : N/A
Previous Run : 00015		Material : N/A
Written By :		Due Date : 22/11/2007
Checked & Approved By :		Qty: 1 Um: Each
Comment :		

Additional Product

Job Number:



Seq. #:	Machine Or Operation:	Description :
1.0	PACKAGING 1	PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

REMOVE FROM STOCK:

D412-702-021 31266 2X 30645 2X

D412-702-023 35411 3X

D412-702-025 32001 3X - 31174 3X

D412-702-031 33277 1X

D412-702-033 31453 1X

D412-702-041A

D412-702-041B 34427 1X - 32759 1X

D412-702-043A 341212 1X

D412-702-043B 32756 1X

D412-702-045A 341213 1X

D412-702-045B 32757 1X

D412-702-059 32327-5 1X

D412-702-069 34435 7X

ADD NEW PAPERWORK TO KITS IN STOCK

EASA STC EASA.I.M.R.S.00710 REV.1

RETURN KITS TO STOCK

44112 - 702 - 025

DART Aerospace Ltd

#R 653

CUSTOMER RETURN

Initiator: Jewell
 Company: CAL FIER
CC ALFCAI
 Phone No. 916-561-3368

Date: Oct 5/07
 Invoice #
 Order Entry # 4319

Reason for return: NCR all Brackets specs for assembly
 Attach Copy of DHS Return Authorization # 316

Receiving:

#	Part #	Batch #	Description	Prepaid	Collect
				Distribute to QC	Advise QA
1	53446-041	31774 30130	Shoulder Harness Kit		02/06
—	—	—	—	—	8/3/3
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—

Condition of packaging: 6-00 Photograph required: yes no

Paperwork attached: P/S Invoice ARC Docs Other

QC:

Quarantine: Location: J Condition of Part: Spec'd

Inspect: Initial: J

#	Part #	Batch #	QC Comments	QC Approval		Scrap
				Initial	W/O #	
1	53446-041	31774 30130	Harness is severe. Donate to engineering for fit and function test.		37678	
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—

QA Coordinator:

Advise GM as to findings: Initial: _____ Date: _____

Comments:

Issue credit: yes <input type="checkbox"/> no <input type="checkbox"/>	Invoice Amount: _____
GM Approval: _____	Less Replacement: _____
	Restock Fee: _____
	Freight: _____
	Net Credit: _____
	DHS <input type="checkbox"/> Customer <input type="checkbox"/>

QA: Enter into Q-Pulse with reason for return & File original. Signed: _____ Date: _____

Copy of Customer Return to stay with work orders and another copy to be filed with customer credit